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PTO/SB/21 (09-04)

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FORM**

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Total Number of Pages in This Submission

153

Application Number

10/536,708

Filing Date

5/27/2005

First Named Inventor

Horvatic, et al.

Art Unit

Examiner Name

Attorney Docket Number

fraunh01.051

ENCLOSURES

(Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

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Amendment/Reply

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After Final

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Affidavits/declaration(s)

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Extension of Time Request

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Express Abandonment Request

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Information Disclosure Statement

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Certified Copy of Priority Document(s)

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Incomplete Application☐Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐

Drawing(s)

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Licensing-related Papers

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Petition

☐Petition to Convert to a
Provisional Application☐

Power of Attorney, Revocation

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(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Gordon E. Nelson, Patent Attorney, PC

Signature

Printed name

Gordon E. Nelson

Date

10/3/2005

Reg. No.

30,093

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(fraunh01.051)

Applicant: Horvatic, et al.

Paper No.:

Application No: 10/536,708

Group Art Unit:

Filed: 5/27/2005

Examiner:

Title: *Watermarking digital representations that have undergone lossy compression*

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Commissioner for Patents
Alexandria, VA 22313-1450

Certification under 37 C.F.R. 1.97(b)

Applicants' attorney hereby certifies that the items of information contained in the attached information disclosure is being filed in the above patent application within one of the following time periods:

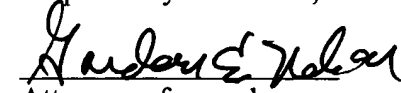
____ (1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);

____ (2) Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;

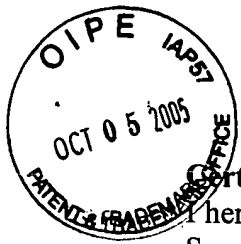
X (3) Before the mailing of a first Office action on the merits; or

____ (4) Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

Respectfully submitted,


Attorney of record,
Gordon E. Nelson
57 Central St., P.O. Box 782
Rowley, MA, 01969,
Registration number 30,093
Voice: (978) 948-7632
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October 3, 2005
Date



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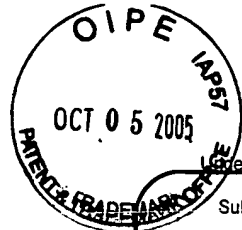
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number 10/536,708

Filing Date 5/27/05

First Named Inventor Horvatic, et al.

Art Unit

Examiner Name

Attorney Docket Number fraunh01.051

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,809,139	09/15/1998	GIROD et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

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**INFORMATION DISCLOSURE
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Sheet

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Filing Date

5/27/05

First Named Inventor

Horvatic, et al.

Art Unit

Examiner Name

Attorney Docket Number

fraunh01.051

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CHANGSHENG ZU, YONGWEI ZHU, DAVID DAGAN FENG, "Digital Audio Watermarking Based-on Multiple-Bit Hopping and Human Auditory System," http://www.acm.org/sigmm/mm2001/ep/xu/ [11/18/2003]	
		D. K. KOUKOPOULOS and Y. C. STAMATIOU, "A Compressed-Domain Watermarking Algorithm for Mpeg Audio Layer 3," Computer Technology Institute and Patras University, 2001	
		SUNIL MOHAN ADAPA, "Useful information embedding in images using watermarks," http://students.iiit.net/~mohan/watermarking.html [11/21/2003]	
		NGERMAR J. COX, JOE KILIAN, TOM LEIGHTON, AND TALAL SHAMOON, "Secure Spread Spectrum Watermarking for Multimedia", (c) NEC Research Institute, Technical Report 95-10.	
		MUNETOSHI IWAKIRI, KINEO MATSUI, "Digital Watermark Scheme for High Quality Audio Data by Spectrum Spreading and Modified Discrete Cosine Transform," IPSJ Journal Abstract Vo. 39, No.09-009 http://www.ipsj.or.jp/members/Journal/Eng/2909/article009.html [11/21/2003]	
		HERBERT BUCHNER, "Image and Video Watermarking," Telecommunications Seminar WS 1998	
		FRANK HARTUNG, "Multimedia Watermarking Techniques," Proceedings of the IEEE, Vol. 87, No.7, July 1999	

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